

Figure 1

BEST AVAILABLE COPY

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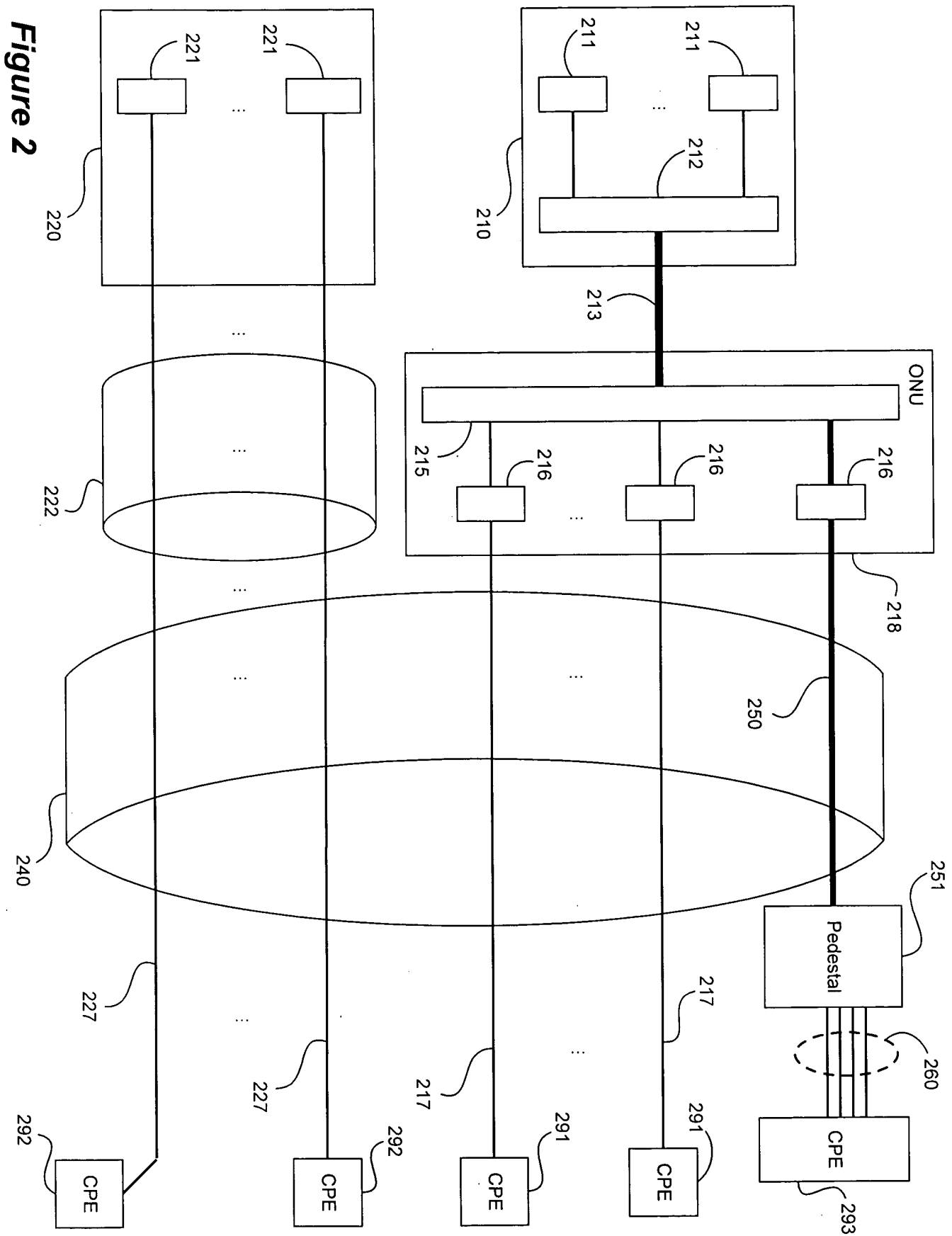


Figure 2

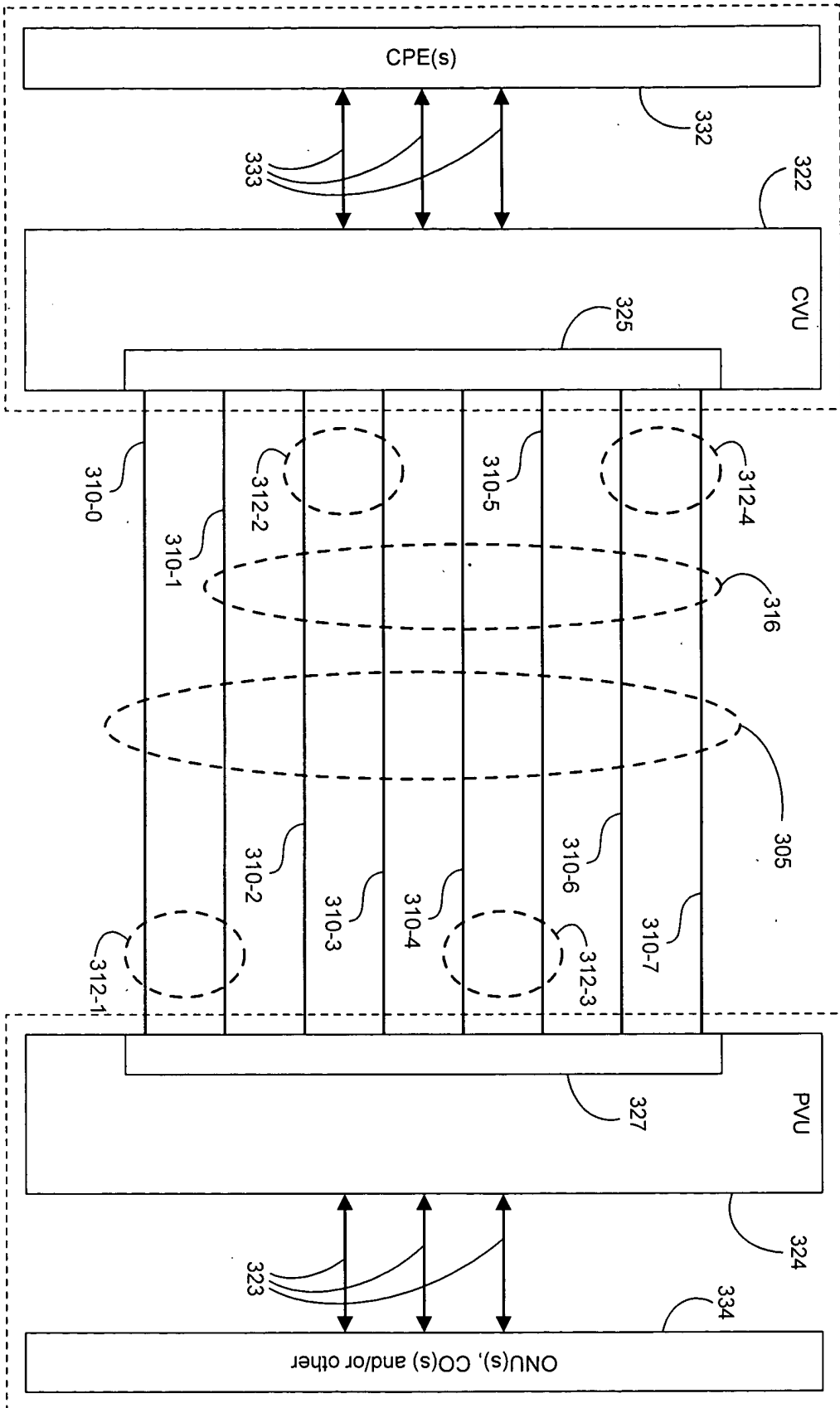
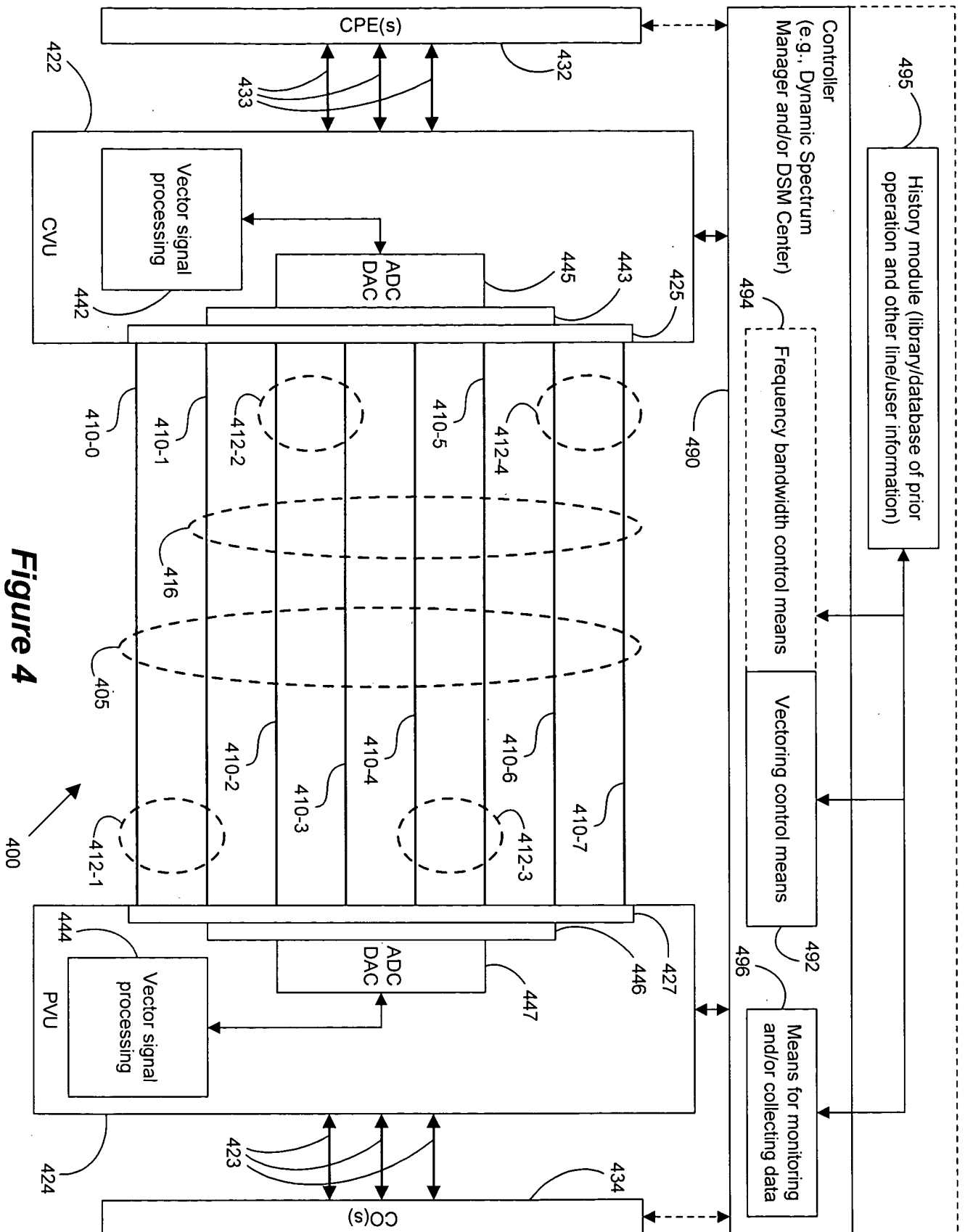


Figure 3

300



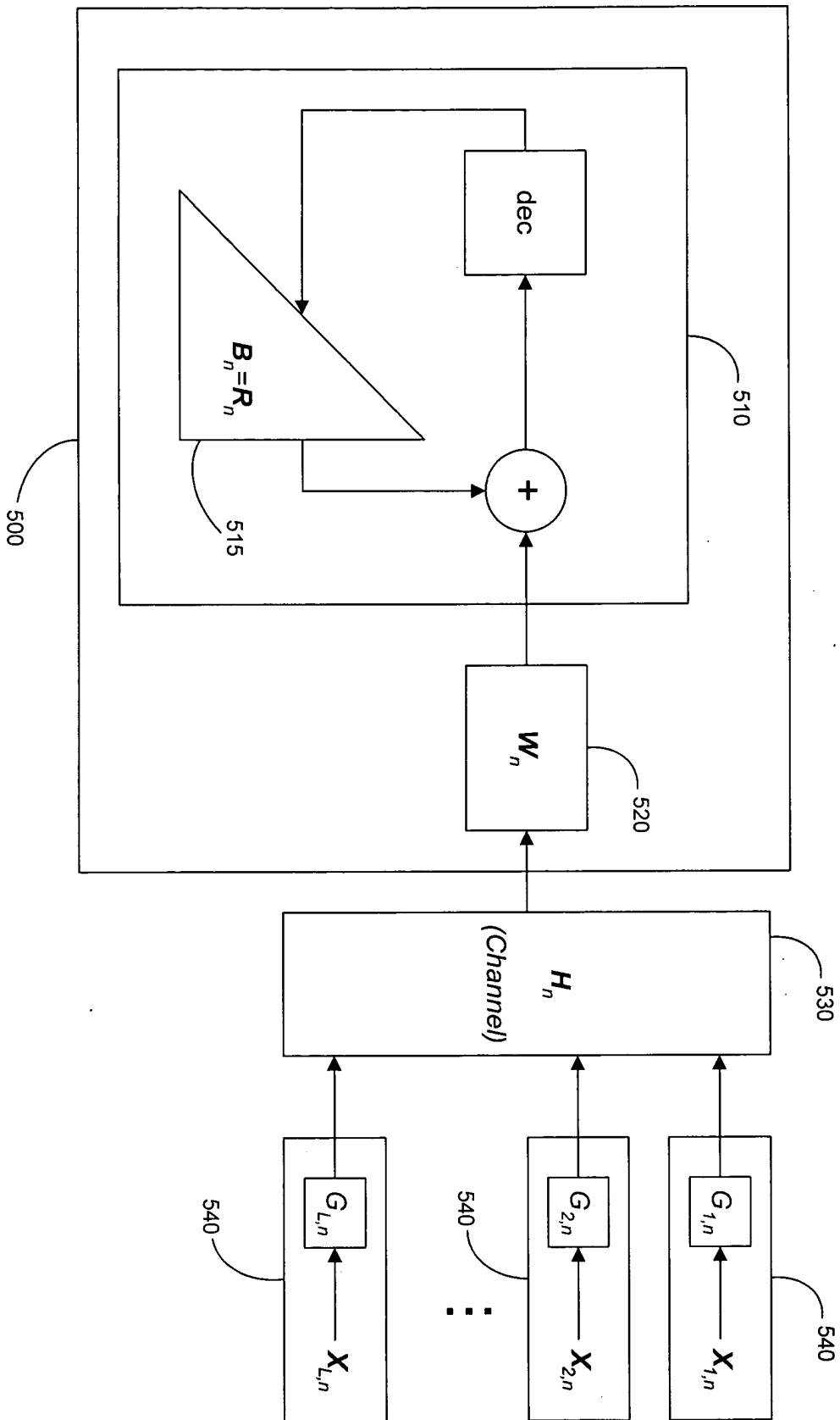
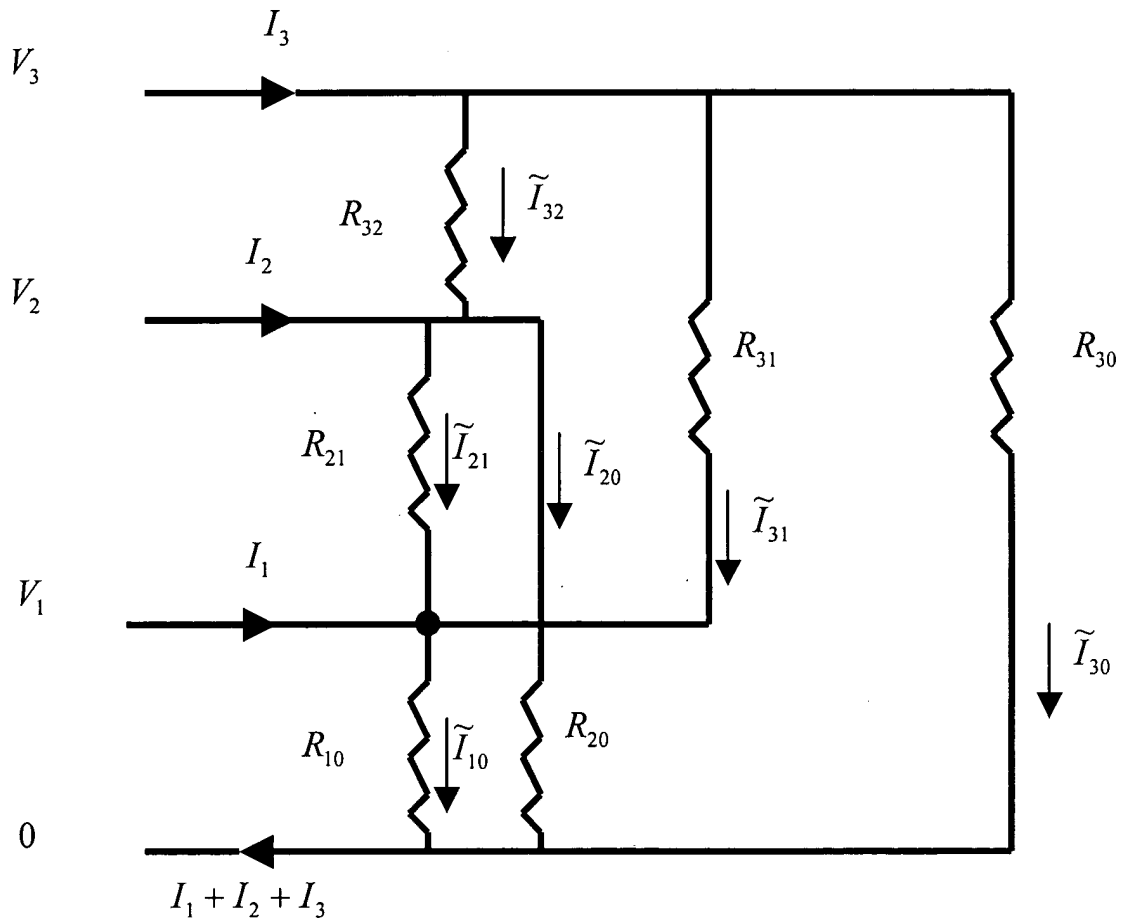


Figure 5



**Figure 6**

**Using 8192 tones**

**7x7 Channel**

<u>Line length</u>	<u>Speed</u>
50 m	3379.456 Mbps
100 m	3292.700 Mbps
150 m	3086.508 Mbps
200 m	2860.460 Mbps
250 m	2622.604 Mbps
300 m	2430.580 Mbps

**4x4 Channel**

<u>Line length</u>	<u>Speed</u>
50 m	1835.644 Mbps
100 m	1851.464 Mbps
150 m	1831.016 Mbps
200 m	1714.832 Mbps
250 m	1555.568 Mbps
300 m	1389.960 Mbps

**Using 4096 tones**

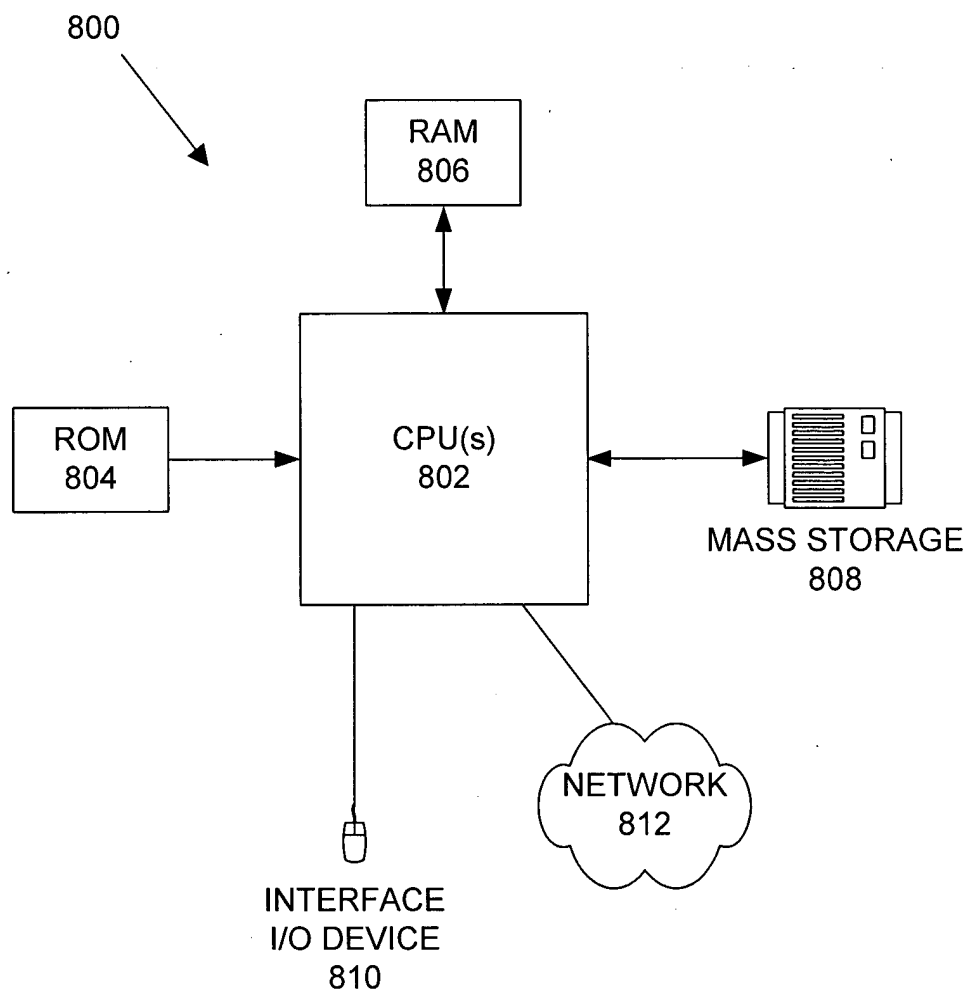
**7x7 Channel**

<u>Line length</u>	<u>Speed</u>
50 m	1694.620 Mbps
100 m	1693.324 Mbps
150 m	1684.680 Mbps
200 m	1626.964 Mbps
250 m	1556.748 Mbps
300 m	1481.112 Mbps

**4x4 Channel**

<u>Line length</u>	<u>Speed</u>
50 m	927.272 Mbps
100 m	934.376 Mbps
150 m	939.040 Mbps
200 m	938.220 Mbps
250 m	934.188 Mbps
300 m	901.836 Mbps

***Figure 7***



**Figure 8**